



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 7635

Bib Data Sheet

SERIAL NUMBER 10/644,748	FILING OR 371(c) DATE 08/21/2003 RULE	CLASS 175	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. 52502-16
APPLICANTS James I. Livingstone, Calgary, CANADA;				
** CONTINUING DATA ***** This appln claims benefit of 60/404,787 08/21/2002				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/21/2004				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		STATE OR COUNTRY CANADA	SHEETS DRAWING 12	TOTAL CLAIMS 43
			INDEPENDENT CLAIMS 3	
ADDRESS 23971 AIR MAIL				
TITLE REVERSE CIRCULATION DIRECTIONAL AND HORIZONTAL DRILLING USING CONCENTRIC DRILL STRING				
FILING FEE RECEIVED 2239	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	